



# **The Commonwealth of Virginia and DoD Environmental Partnership – the Eagle Award**

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# Background



- **Large DOD presence in VA**
- **Governor Kaine announces his 400K acre conservation goal**
- **Cooperative Conservation Meeting between VA DCR, VA DEQ, OSD, NRCS and DOD REC - Apr 06**
- **Annual DoD Chesapeake Bay Restoration Reporting**
- **VA Conservation Forum - Dec 2006**
- **Governor Kaine formally announces VA/DOD Partnership Eagle Award Program - Dec 2008**

# Purpose



- **Closely align DoD environmental efforts with Virginia's**
- **Build stronger working relationships through Partnership – Scorecard jointly developed between VA and DoD**
- **Recognize and encourage environmental initiatives beyond basic compliance**
- **Supports cooperative conservation and Chesapeake 2000 goals**
- **Pilot Project**

# Eligible Military Installations in Virginia



## Navy

- Naval Station Norfolk
- Naval Amphibious Base Little Creek
- Naval Air Station Oceana
- Naval Air Station Oceana, Dam Neck Annex
- Naval Support Activity Northwest
- Naval Support Activity Norfolk
- Naval Weapons Station Yorktown
- Naval Weapons Station Yorktown, Cheatham Annex
- Armed Forces Experimental Training Activity Camp Peary
- Naval Medical Center Portsmouth
- Norfolk Naval Shipyard
- Naval Support Facility Dahlgren

## Marine Corps

- Marine Corps Base Quantico

## Air Force

- Langley Air Force Base

## Army

- Fort Monroe
- Fort Eustis
- Fort Lee
- Fort Story
- Fort A. P. Hill
- Fort Belvoir
- Fort Myers
- Warrenton Training Center
- Radford Army Ammunition Plant
- Fort Pickett

## Defense Logistics Agency

- Defense Supply Center Richmond

## Department of Defense

- Pentagon
- Arlington National Cemetery

- **Provides detailed readily available data on**

- **Installation Mission and POC**
- **Biological Resources**
- **Habitat Protection**
- **Watershed Protection and Restoration**
- **Land Use**
- **Environmental Stewardship**
- **Conservation Plans**
- **Environmental Compliance**

# Installation Environmental Performance Measures



Measure	Description	Data Sources
Biological Resources	Restore, enhance, and protect living resources, their habitats, and ecological relationships to sustain fisheries and provide a balanced ecosystem.	<ul style="list-style-type: none"> <li>• Biological Resource Inventories</li> <li>• EPA Federal Funding Inventory</li> <li>• Virginia Department of Conservation and Recreation's Natural Heritage Database</li> </ul>
Habitat Protection and Restoration	Preserve, protect, and restore habitats and natural areas vital to the survival of living resources	<ul style="list-style-type: none"> <li>• DoD Chesapeake Bay Data Call</li> <li>• EPA Federal Funding Inventory</li> </ul> <p>Note: Installations should report any increases in the number of acres of wetlands and riparian forest buffers.</p>
Watershed Protection and Restoration	Achieve and maintain the water quality necessary to support the aquatic living resources and to protect human health.	<ul style="list-style-type: none"> <li>• Previous year funding reports and project descriptions</li> <li>• Discharge Monitoring Reports</li> <li>• Installation Environmental offices</li> <li>• EPA Federal Funding Inventory</li> </ul>
Land Use	Develop, promote, and achieve sound land use to protect and restore watershed resources and water quality, maintain reduced pollutant loadings, and restore and preserve aquatic living resources.	<ul style="list-style-type: none"> <li>• Real Property Management Plans</li> <li>• Military Real Property Inventories</li> <li>• EPA Federal Funding Inventory</li> </ul>
Environmental Stewardship	Promote stewardship and help individuals, organizations, businesses, local governments, and schools environmental initiatives.	<ul style="list-style-type: none"> <li>• Installation Environmental offices</li> <li>• EPA Federal Funding Inventory</li> </ul>
Conservation Plans	Involvement with federal and state environmental programs.	<ul style="list-style-type: none"> <li>• Federal and state program offices</li> <li>• Installation Environmental offices</li> </ul>
Environmental Compliance	Current compliance posture	<ul style="list-style-type: none"> <li>• Federal and state program offices</li> <li>• Installation Environmental offices</li> <li>• EPA's online tracking information system (OTIS)</li> </ul>

# Installation Information



<b>Section 1: Department of Defense Installation Information</b>	
<b>Installation Name:</b>	
<b>Street Address:</b>	
<b>Mailing Address:</b>	
<b>Contact Information</b> Contact Name:  Phone:                      Fax:	<b>Environmental Permit/ID Numbers</b> Hazardous Waste: Solid Waste: Water Discharge: Air: Wetlands: Toxics Release Inventory: <u>Facility Registration System (FRS) Number:</u> Municipal Separate Stormwater Sewer Systems (MS4): Other:
<b>Previous Installation Names</b> (within past 5 years): Facility Names Appearing on Current VA DEQ Permits:	
Water Source (e.g., public water supply, groundwater):	
<b>Brief Description of Installation's Primary Function and Activities</b>	
<b>ACKNOWLEDGEMENT STATEMENT</b> By submitting this application the undersigned acknowledges that installation participation in this program is entirely voluntary. DoD and the Commonwealth of Virginia are responsible for any decisions made to recognize participation in this program.	
<b>Name of Installation Commander:</b>	<b>Title:</b>
<b>Signature:</b>	<b>Date:</b>





# Biological Resources



## Section 2. Biological Resources

*Biological resources include the restoration, enhancement, and protection of living resources, their habitats, and ecological relationships to sustain fisheries and provide a balanced ecosystem.*

		Completed	In Progress	No	Not Applicable*
2.1 	Has the installation removed all remaining barriers to <u>anadromous fish</u> migration on their installation?				
2.2	Has the installation completed planning-level inventories of biological resources within the last eight years?				
2.3	Does the installation have a standardized training program for environmental personnel in the survey, inventory, and monitoring of biological resources?				
2.4	Has the installation included all species and communities with an <u>Imperilment Rank</u> of G1, G2, S1, and state and federally listed species in their <u>Integrated Natural Resource Management Plan (INRMP)</u> ?				
		Reduced	In Progress	No Reduction	Not Applicable*
2.5 	Has the installation reduced the number of acres of invasive species in the past year? <i>If the number of acres of invasive species has been decreased, please include the reduction information in the comments section.</i>				

**Comments:** (Please provide an explanation of inapplicability if Not Applicable is selected.)




**Note:** Questions denoted with a  have been pre-populated with Chesapeake Bay Federal Funding

# Habitat Protection and Restoration




## ***Section 3: Habitat Protection and Restoration***

*Habitat protection and restoration preserves, protects, and restores habitats and natural areas vital to the survival of living things.*

		<i>Increased or Established</i>	<i>Same</i>	<i>Reduced</i>	<i>Not Applicable*</i>
 <b>3.1</b>	Has the installation preserved, maintained, and/or restored tidal and non-tidal <u>wetlands</u> over the past year not required as mitigation under a permit? <i>If the number of acres has increased, include the number of acres in the comment section.</i>				
 <b>3.2</b>	Has the installation voluntarily conserved, maintained, or established <u>riparian buffers</u> at least 35' wide on the installation's property? <i>If the number of acres has increased, include the number of acres in the comments section.</i>				
 <b>3.3</b>	Has the installation maintained or established beds of <u>submerged aquatic vegetation (SAV)</u> in suitable habitats on or adjacent to the installation? <i>If the number has increased, include the number in the comments section.</i>				

**Comments:** *(Please provide an explanation of inapplicability if Not Applicable is selected.)*

*Note: Questions denoted with a  have been pre-populated with Chesapeake Bay Federal Funding*




# Watershed Protection and Restoration



## Section 4: Watershed Protection and Restoration

Watershed protection and restoration achieves and maintains the water quality necessary to support the aquatic living resources and to protect human health.

		Completed	In Progress	No Change	Not Applicable*
4.1	Has the installation installed <u>low impact development (LID)</u> over the past year? <i>Please include the number of acres treated by LID in the comments section.</i>				
4.2	Has the installation reduced impervious surfaces over the past year? <i>If the number of acres of impervious surfaces has decreased, please include this information in the comments section.</i>				
4.3	Has the installation instituted best practices to reduce pollutants (i.e., nitrogen, phosphorus, sediments) from <u>point sources</u> over the past year? <i>Explain in the comments section.</i>				
4.4	Has the installation instituted best practices to reduce pollutants (i.e., nitrogen, phosphorus, sediments) from <u>nonpoint sources</u> independent of land disturbing activities in the past year? <i>Explain in the comments section.</i>				
4.5	Has the installation prevented the increase of pollutants in stormwater runoff caused by new construction compared to predevelopment hydrology? <i>If the number of pounds of pollutants has decreased, please include the reduction information in the comments section.</i>				
		Certified	In Progress	No	Not Applicable*
4.6	Does the installation have a <u>certified erosion control inspector</u> or utilize one that is available within the region?				
		Completed	In Progress	No	Not Applicable*
4.7	Does the installation have a construction plan inspector review <u>erosion and sediment control plans</u> ?				

Note: Questions denoted with a  have been pre-populated with Chesapeake Bay Federal Funding

# Land Use



## Section 5: Land Use

Sound land use protects and restores watershed resources and water quality, maintains reduced pollutant loadings, and restores and preserves aquatic living resources.

		Completed	In Progress	No	Not Applicable*
5.1	Has the installation integrated <u>environmental practices</u> into their <u>lease agreements</u> ?				
5.2	Has the installation applied <u>conservation landscaping</u> principles and practices at new construction sites and existing areas in developed portions of the installation? <i>Please include the number of acres that the installation has applied conservation landscaping principles to in the comments section.</i>				
5.3	Has the installation mapped or inventoried <u>ecologically sensitive lands</u> on the installation?				
5.4	Has the installation implemented initiatives to protect or conserve <u>ecologically sensitive lands</u> on the installation? <i>Please explain in the comments section.</i>				
5.5	Has the installation implemented initiatives to protect or conserve <u>ecologically sensitive lands</u> outside the fenceline of the installation? <i>Please explain in the comments section.</i>				
		Increased	Same	Reduced	Not Applicable*
5.6	Has the installation <u>preserved</u> or increased the acreage of DOD-managed land from development? <i>If the number of acres has increased, include the number of acres in the comments section.</i>				
5.7	Has the installation <u>preserved</u> or increased the acreage of other managed land from development? <i>If the number of acres has increased, include the number of acres in the comments section.</i>				
Comments: (Please provide an explanation of inapplicability if Not Applicable is selected.)					





# Environmental Stewardship



## Section 6: Environmental Stewardship





Environmental stewardship promotes and helps individuals, organizations, businesses, local governments, and schools environmental initiatives.

		Participating	In Progress	Not a Participant	Not Applicable*
6.1	Is the installation a <u>member in good standing</u> in EPA's <u>National Environmental Performance Track (NEPT)</u> Program?				
6.2	Is the installation a <u>member in good standing</u> in <u>Virginia's Environmental Excellence Program (VEEP)</u> at the E2 level?				
6.3	Is the installation a <u>member in good standing</u> in the <u>Virginia Clean Marinas Program</u> ? <i>If the installation does not have a marina, select Not Applicable.</i>				
6.4	Is the installation a <u>member in good standing</u> in <u>Businesses for the Bay (B4B)</u> ? <i>If the installation is not located in the Chesapeake Bay watershed, select Not Applicable.</i>				
6.5	Is the installation actively participating in <u>Virginia Regional Environmental Management System (V-REMS)</u> ? <i>Please explain below.</i>				
6.6	Is the installation a participant in the <u>U.S. Fish and Wildlife Service (USFWS) Schoolyard Habitats Program</u> ? <i>If there are no schools located on the installation, select Not Applicable.</i>				
		Implemented	In Development	No Plan	Not Applicable*
6.7	 Has the installation <u>fully implemented an Environmental Management System (EMS)</u> ?				

Note: Questions denoted with a  have been pre-populated with information from existing compliance data.

# Environmental Stewardship



<b>Section 6: Environmental Stewardship</b>					
		<i>Gold Standard</i>	<i>In Progress</i>	<i>No</i>	<i>Not Applicable*</i>
	<b>6.8</b> Has all construction in the past year been built to <u>Leadership in Energy and Environmental Design (LEED®)</u> certification? <i>Explain in the comments section.</i>				
<b>6.9</b>	Are major renovations following the <u>LEED®</u> renovation standard? <i>Explain in the comments section.</i>				
		<i>Exceeds DoD's Goal</i>	<i>Meets DoD's Goal</i>	<i>Not Meeting DoD's Goal</i>	<i>Not Applicable*</i>
	<b>6.10</b> Is the installation meeting DoD's 40 percent diversion rate for non-hazardous municipal solid waste? <i>If the number of pounds of waste has decreased, please include the reduction information in the comments section.</i>				
		<i>Reduced</i>	<i>In Progress</i>	<i>No Reduction</i>	<i>Not Applicable*</i>
	<b>6.11</b> Has the installation reduced hazardous waste generation from the previous year? <i>If the number of pounds of waste has decreased, please include the reduction information in the comments section.</i>				
	<b>6.12</b> Has the installation reduced its air emissions over the past year? <i>If the number of tons of air pollutants has decreased, please include the reduction information in the comments section.</i>				
<b>Comments:</b> <i>(Please provide an explanation of inapplicability if Not Applicable is selected.)</i>					



**Note:** Questions denoted with a  have been pre-populated with Chesapeake Bay Federal Funding

# Conservation Plans



## Section 7: Conservation Plans

Conservation Plans includes involvement with federal and state environmental programs.

		Implemented	In Development	No Plan	Not Applicable*
7.1 	Has the installation implemented within the last three years, an approved <u>nutrient management plan</u> prepared by the Certified Nutrient Management Planner consistent with the Virginia Nutrient Management Program for all land that receives fertilizer, manure or sewage sludge application? <i>Please include the number of acres affected in the comments section.</i>				
7.2	Has the installation implemented Virginia <u>Erosion and Sediment Control Plans</u> or practices to reduce erosion and sedimentation for land disturbing activities below the regulatory threshold?				
7.3	Has the installation implemented an <u>Integrated Pest Management Plan</u> or utilizes a regional pest management plan?				
7.4	Has the installation implemented a <u>fisheries management plan (FMP)</u> , which incorporates ecological, social, and economic considerations, multi-species fisheries management, and ecosystem approaches?				
7.5	Is the installation implementing a <u>forest stewardship plan</u> ?				
		Current	Being Reviewed	Five Years Out of Date	Not Applicable*
7.6 	Is the installation implementing its <u>Integrated Natural Resource Management Plan (INRMP)</u> ?				
Comments: (Please provide an explanation of inapplicability if Not Applicable is selected.)					

Note: Questions denoted with a  have been pre-populated with Chesapeake Bay Federal Funding




# Environmental Compliance



## ***Section 8: Environmental Compliance***

*Environmental compliance measures an installation's current environmental compliance posture.*

**Note:** *Section 8 will not be scored. If an installation receives a Significant Non-Compliance (SNC) or High Priority Violation (HPV), the installation will be asked to complete the installation environmental scorecard but will not be eligible to receive recognition for that year. It is important for installations to provide information on the installation environmental scorecard so that their environmental stewardship efforts are recognized throughout DoD and the Commonwealth of Virginia.*

		<i>No violations</i>	<i>Violation(s) Received</i>
<b>8.1</b> 	<b>Did the installation receive any enforcement actions or violations?</b>		

**Comments:**

**Note:** Questions denoted with a  have been pre-populated with information from existing compliance data.



# Next Steps



- **Encourage installations to report**
- **DoD panel review submissions and make recommendations**
- **Work with VA to review recommendations and ensure data meets VA needs**
- **Governor announce award selections**



**Questions?**  
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